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IMPORTANT ANNOUNCEMENT

There's good news and bad news. First the good news. The A*C*E is doing well, and I continue to receive a lot of requests each week from new people interested in the club. The DiaLogs column is also doing fine, as seen by the number of pages this month. However, I'm not doing too well keeping up with both jobs as Editor and Publisher. Therefore, effective immediately, a search has begun to find a new Editor for the DiaLogs column. Some basic prerequisites include a basic knowledge of what is on the air, a good typewriter or preferably a computer with a word processor to enable better editing of the column and uploading to me at the end of the month. I hope that a replacement can be found by the end of the year. This will ensure that I can continue to provide you with the A*C*E on a timely basis each month, and allow time for the processing of all the pieces of mail that come into club HQ each week. If you are interested in the editorship of the column, please drop me a line, or send me a personal message into the ACE section of the ANARC BBS. --- kgb

OCTOBER

Welcome to the October DiaLogs column. The activity has been quite high and we have received a tremendous volume of logs. Thanks to all of you who sent their material in EARLY in the month. There would have been no way to get the column finished otherwise. Keep it up! *** Due to the volume of reports, we have used the consolidated reporting format, where station details are listed in one group, with a listing of all reporters of the station following.*** Also, I had to delete some old material received with the loggings for this month. I arbitrarily deleted any that were dated before 8/1/90. I'm sorry to do this, but it is the only way to keep the column current and at a manageable size.*** Please make sure your loggings are legible. If you have handwriting like mine (terrible!), please consider typing or computer-generating your logs. I received some this month which I was unable to decipher and had to omit. I know a lot of effort goes into your monitoring and reporting and I don't want to eliminate anyone's logs. *** Pirate QSOs had to be left out this month due to heavy volume of broadcast logs. The value of listing pages of QSOs is questionable as they lack pgming content that regular bcsts contain. ** Mail your loggings to: P. O. Box 11201, Shawnee Mission, KS 66207-0201. They must be RECEIVED by the 25th of the month, earlier if possible. *** Kirk Baxter

NORTH AMERICA - MEDIUM WAVE

Pirate Radio New England/Free Channel 1620: 1620, 9/16, 0315-0343, SIO=232. Loop annmt: "Originating from the majestic peak of PRN Mountain, New England, we are proud to prove to America that freedom of speech is an inalienable right. The legacy lives on. This is Free Channel 1620, Pirate Radio New England, reaching out with a commitment to open communication and entertainment for all." QRM de from 1616 kHz but reception in USB mode good. PSE QSL. (RICHOLSON,VA) 1620, 9/17, 0150-0156*. Very prof annrc. "This is Free Channel 1620..." w/ mentions of QTH as above. PSE QSL. No addr hrd. (SPOONER,MA)

NORTH AMERICA - SHORTWAVE

Action Radio: 7382, 8/25, 0236-0317*. DJ A. J. Michaels. Ads for Slinky, Ken L Ration, Alka Seltzer. Mx de Grateful Dead, Del Shannon, Rick Nelson, Maureen McGovern & Beatles. Primarily soft rock, pop, songs hrd incl 1 by Belinda Carlisle. Off w/ theme song from "Cheers." (GOETSCH,OH) (BARNARD,ONT) (PROVANCE,OH) (WOLFISH,ONT) 7444, 9/4, 0136-0229*. On simultaneously w/ Hope R. Mod somewhat tinny. Same ad for A*C*E by Phil Muzik run by Hope R. abt 10 mins before. Mx by Guns-N-Roses, Inxs. Talked abt R. Clandestine. Wellsville NY & BRS addr both mentioned. Phone # annrcd. (BONNETT,OH) (ZELLER,OH) (ROUTENBURG,ONT) (WOLFISH,ONT) 7390, 9/18, 0349-0400, SIO=232. Tent ID. OM w/ heavy reverb. Light pop & rock. (PROVANCE,OH)

CFBN: 7419, 8/5, *0156-0219*, SIO=333. Loon IS & usual s/on as "CFBN, fly by night radio - Canada's worst. Canadian content mx. (ROSS,ONT) 7430, 9/3, 0142-0202*. DJs were the Fly Bros, Black and House. Folk songs. "Teddy Bear Picnic" & "New World in the Morning"

by Roger Whittaker. Clever, well produced pgm. QRM de stn on 7433. Spot for Oka, Quebec (dial 1-800-GET GOTT, possibly SHOT), w/ vacation at Mohawk golf course w/ Canadian troops. 3 stamps or preferably \$1-\$2 US for QSLs. YL w/ s/off ID. (BARNARD,ONT) (RICHOLSON,VA) (GOETSCH,OH) (ZELLER,OH) (HANINGTON,ONT) (WOLFISH,ONT) 7420, 9/3, *0212-0231. Repeat of 9/3 0148-0202*. Incredible signal. Songs incl "Everybody's Talking About a New Day Dawning" at s/off. Mentioned Bob Hope. Folk mx. Less QRM than earlier tonight, but splatter de QSO on 7415. Stns knew CFBN was on, but continued to operate. (WOLFISH,ONT) (FOSTER,MI) (COLLINS,WI) (BARNARD,ONT) (RICHOLSON,VA) (SUESS,WI) (FULLER via ANARC BBS) (VERALDI,ONT) (ROUTENBURG,ONT) (HANINGTON,ONT) (MASYGA,ONT) (ZELLER,OH) (ARTHUR via ANARC BBS) [Wellsville addr, 3 1st class stamps]

CSIC: 7516, 8/19, 2210-2310*, SIO=211. Severe UTE QRM. Relay of pgm of KAWU, deliberately bad commercial radio (a parody stn) as well as a parody of stn WMPO. After 2300 talk by CSIC DJ, but no copy. Played song "Psycho Chicken" c. f. Psycho Killer by the Talking Heads at s/off. (ROUTENBURG,ONT)

Clandestine Voice of the People of Iraq: 7415.5, 9/22, 2350*, SIO=333. Only hrd tail end of their stnt (following s/off of Hope Radio Int'l): "...This is the Clandestine Voice of the People of Iraq." USB sig. PSE QSL. (RICHOLSON,VA)

Douche Bag Willy: 7399.5, 8/26, *0303-0314*. SIO=544. Bcsting de Federal Republic of Plainsville; claimed bcsts on 61, 48, 39 & 19 m bands. Owned & operated by Moonbeam Press, P. O. Box 6527, Baltimore, MD 21219. Mx incl "Racing With the Moon" & "Candida." IS of old English tune. DJ said he was "Kristine Kaye, oh I mean Havana Moon." Gave a PSE QSL for several pirates, some defunct for years. PSE QSL. (D'ANGELO,PA) (WOLFISH,ONT) (PROVANCE,OH) (SMOLINSKI via ANARC BBS) (ROUTENBURG,ONT) (RICHOLSON,VA) (GOETSCH,OH) 7415.1, 9/3, *0312-0314* & *0315-0317*. Amusing DX show parody w/ logs of QSO's among pirates & other phony SWBC DX. QSL via Moonbeam Press, Baltimore. PSE QSL. (ZELLER,OH) (WOLFISH,ONT) (RICHOLSON,VA) (FOSTER,MI) (ARTHUR via ANARC BBS) 7418, 9/3, 0318-0321*, SIO=333. Hrd repeated Arabic mx, ID. Off after howling wind & other noises. (ROUTENBURG,ONT)

Experimental Propagation Radio: 7395+-, 8/26, 0458-0539, SIO=454. Played Tomita's version of Holst's Planets and Also Sprach Zarathustra, complete w/ rocket launch audio. Long composition. After mx went into computer-generated type OM trying to get ham call sign correct. Then wierd talk & strange noises. Mentioned "computer control" and "I'm just not into it at all." Hrd screaming and off. PSE QSL. (PROVANCE,OH) (ROUTENBURG,ONT)

Fourth of July Radio: 7415, 9/2, 0314, SIO=333+. QRM de WORK. Whistle IS, ID & BRS addr. (SUESS,WI)

Free Radio Project: 7415.2, 9/15->16, *2352-0029*. CW. Repeated annmt abt 8 wpm. Mentioned 25 watts into doublet, at 50 feet..." Hello Radio QRM. PSE QSL. (PROVANCE,OH) (HANINGTON,ONT) 7414.9, 9/24, 0033-0045*, SIO=354+. CW marker (very slow speed): "VVV de Free Radio Project. Is there anybody out there?" Rptd a few times. Another stn said "yes" in CW, but no QSO. First "real" IDed CW pirate I ever hrd. PSE QSL. (ZELLER,OH) (BREWER via ANARC BBS)

Hello Radio: 7415, 9/16, 0010-0120, SIO=344. Created interference for Free Radio Project and Radio Wolf Int'l by saying "Hello Radio" and a few short comments. PSE QSL. (PROVANCE,OH)

Hope Radio International: 7399.8, 8/5, 2221-2242, SIO=454. Typical pgm: moment of silence for Zippo Hiplock & Commandante John. (PROVANCE,OH) 7395, 8/19, 0001-0036*. Talk abt evil. Ads for flag smoke detector by Fr. O'Malley. Pirate nx by R. Animal; stress test, anti-Oliver North Caustic Comment, Plainville revolution update & ad by Sparky of WKZP. Good sig, but occ xnter squeal hrd. Spoof ads w/ one for henpecked husbands & quiz from Blown Away Bob's Home for the Criminally Insane. (RICHOLSON,VA) (BARNARD,ONT) (PROVANCE,OH) 3438.2, 8/19, 0153-0156, SIO=252. Song "Jingle Bells" & off. Heavy QRM & weak sig. (PROVANCE,OH) 3473.8, 8/20, 0056-0113, SIO=352. Beginning of 8/19 show. Gave up before QRT. (PROVANCE,OH) 7400, 8/26, *0225-

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0302*. Sitar tuning sig. Quiz questions. Rpt of 8/19 bcst. Good sig. (BARNARD,ONT) (GOETSCH,OH) (WOLFISH,ONT) (RICHOLSON,VA) (D'ANGELO,PA) (FOSTER,MI) (VERALDI,ONT) (LANDAU, in ME) 7394.1, 8/26, 0327-0358*. Phil Muzik host, claiming 1st to be Cowboy Stan of V of Laryngitis, then John Arthur. A*C*E ad. "Doctor Drive-Thru" ad. Anncd "member of the pirate network." Much rock mx incl Don Henley, Zebra & Joe Walsh. Fruit of the Loom News Briefs. Offered to play studio quality tapes of local bands. Excellent sig. Hrd song "I Will Not Lie Down." (LANDAU, temp QTH Maine) (MEECE via ANARC BBS) (RICHOLSON,VA) (BARNARD,ONT) (GOETSCH,OH) (PROVANCE,OH) 7395, 8/26, 0525-0543, SIO=111. Tent. ID. Hrd anncr who sounded like Fr. O'Malley. (BARNARD,ONT) 7395, 9/4, *0140-0245*. Followed WORK. Cowboy Stanley. Mx by Roger Taylor, Zebra, Don Henley, Robert Plant. Dr. Drive Thru skit. Ended w/ "Black Magic Marker," parody of "Black Magic Woman." July & August pirate bcst logs. Complaint abt postal rates. Some repeat of 8/26 bcst w/ new R. Animal show. Phil Muzik was guest DJ. ID by Fearless Fred. Good sig. Mentioned pirate radio article in Pop Electronics Oct. 90 issue. ANARCON 90 PSA. (BAXTER,KS) (WOLFISH,ONT) (BARNARD,ONT) (BRADEN,MA) (ARTHUR via ANARC BBS) (FULLER via ANARC BBS) (BONNETT,OH) (D'ANGELO,PA) (SUESS,WI) (ROUTENBURG,ONT) (ZELLER,OH) (SACHS,IL) 15050, 9/8, 2040-2132. Usual excellent pgming. Readings from PiPa. Requested garage band mx. Pink Floyd "The Wall" mx. Commentary on Oliver North, Iraq, Panama. (HAVRILKO,FL) (SACHS,IL) 7378.9v, 9/17, 0022-0111*, SIO=444+. Usual pgming of rock plus features. Guest host of Phil Muzik of KNBS. Denunciation of draconian anti-drug bills in Congress. Live interview w/ Saddam Hussein (Sodomy), who partially confirmed bestiality rumors. (ZELLER,OH) (FULLER via ANARC BBS) (PROVANCE,OH) (SPREMO,NY) 7394.7, 9/18->19, *2357-0039*. Excellent sig & mod. Rock, comment, & t-shirt ad. Hussein gave opinion of Cmdte. John. Talk of suspending Constitution. Good sigs & pgming. (ARTHUR via ANARC BBS) (BREWER via ANARC BBS) 15050, 9/20, 0058-0154, SIO=454. Rpt of earlier 41m bcst. Hussein interview. Talk of Congress planning concentration camps for suspected drug ealers. Nice sig. 15 mHz sig appreciated here in the west. (BREWER via ANARC BBS) 7391, 9/22, *0158-0357*. Phil w/ Hendrix & some older pop mx incl "Blue Suede Shoes." Flex Workout Machine ad. Spike Jones tune. Talk abt police divorce rate. News briefs. DX logs. Comedy included a little Fred Rogers. Various stn promos. PSE QSL. (FOSTER,MI) (BONNETT,OH) (ZELLER,OH) (HAVRILKO,FL) Het from KMUD. (COLLINS,WI) (BREWER via ANARC BBS) 15050, 9/22, *2156-2247*. Oldies. Phil w/ usual great sig, audio & production. Cajun Kitchen w/ Kentucky Fried Kitten. Sodomy Hussein said he invaded Kuwait because Kuwait TV was interfering w/ "I Love Lucy." Mx by Led Zep. T-shirt ad. We'll miss you! (BREWER via ANARC BBS) (SUESS,WI) 7416, 9/22, *2300-2350*, SIO=444. Last bcst. Thanked several ACE members. Larry Williams "Boney Maroni" & Elvis' "Blue Suede Shoes." H & R Brush Tax Service spoof - "don't pay, tax avoidance specialists since 1979." Kentucky Fried Kitten by Jus Disgustin. Interview w/ Sodomy Hussein. T-shirt offer. Off w/ Led Zep "The Last Goodbye." (MUSSELL via ANARC BBS) (SUESS,WI) (ZELLER,OH) (RICHOLSON,VA) (HAVRILKO,FL) [BRS addr]

KMUD: 7386v, 9/16, 0315-0440. Hrd mx by Sade. IDed as "the mudd sounds of KMUD." Anncd freq of 7385. S/off anncmt w/ addr but QSB at that time. Mx de Beatles, Carole King, Simply Red, Ravi Shanker, Peter Frampton, etc. Definitely live, but anncing defunct Hilo drop. (VICKONOFF via ANARC BBS) (BREWER via ANARC BBS) (RALEIGH,NV) 7394.1, 9/20, 0230-0317+, SIO=211. Good carrier, but LOW audio. Would have been easy copy if mic gain were cranked up some. PSE QSL. (BREWER via ANARC BBS) 7395, 9/21, 0310-0400*, SIO=121. Light rock mx. "Look Away, Dixie Land." Ad for paper towels(?). OM IDed stn as "KMUD, the mighty voice of mud." Hilo addr. (PFAFF,CA) 7435, 9/21, 0410. Said something abt N. CA. Mx by Monkees "Another Pleasant Valley Sunday," Peter Gabriel "Shock the Monkey," "When the Night Falls Down on Water Town." Python's "Spam" routine. (PFAFF,CA)

KRUD: 7415, 9/8, 0118-0119. Hrd ID at s/off, so I missed pgm. (SACHS,IL) 7415, 9/8, 0119-0121, 0323-0325. On/off several times w/ IDs & anncmts of upcoming pgm. "...This is Omega Man and you're listening to KRUD. Stay tuned for future bcsts on 4-1-5-0." IDed both as K-R-U-D and krud (as word). PSE QSL. (ROUTENBURG,ONT) (HAVRILKO,FL) (FOSTER,MI) (COLLINS,WI)

One Voice Radio: 7415, 8/24, 2348-0001, SIO=454. Talk on cholesterol, potassium and hypertension. Bcst via CFBN. Mx by Josh White. After Joe's s/off, CFBN ID & IS. (PROVANCE,OH) (ROUTENBURG,ONT) (MASYGA,MN) 7386.8, 9/2, 2359-0015*. Labor Day show. "This Land is Your Land" hrd. Lots of talk abt work. (MASYGA,MN) 7381, 9/3, 0006-0015*. Labor Day bcst. Joe told listeners to thank workers for all they do. EZL mx incl "This Land," some Arlo Guthrie & Judy Collins. Good sig. (BARNARD,ONT) (WOLFISH,ONT) (ROUTENBURG,ONT) 7400, 9/3, 1948-2002, SIO=242. Thanks to workers of America. Arlo Guthrie mx. Labor Day bcst. (BRADEN,MA) 7400, 9/3, 2311-2328*, SIO=423+. Played "This Land is Your Land." Same bcst as 0010-0016* earlier today. No medical advice this bcst. (ROUTENBURG,ONT) (WOLFISH,ONT) (GOETSCH,OH) (ZELLER,OH) (VERALDI,ONT) (HANINGTON,ONT) (SACHS,IL) 7390, 9/8, 2325+. Anncr Joe w/ caution on herbal medicine. Story abt holy man, Yawns. Oriental mx. Very strong. PSE QSL. (HASKINS,OH) 7389.1, 9/9, *0105-0123*, SIO=333+. Usual medical talk w/ topics in pediatrics, estrogen, life span estimates, parasites in uncooked fish (sushi), dangers of ginseng, cause of yawning, etc. Short oriental string instr mx at s/on & s/off. (SUESS,WI) (ZELLER,OH) (SACHS,IL) (RICHOLSON,VA) (COLLINS,WI) [BRS addr]

Radio Beaver: 7415, 9/19, 0124-0139*, 0148, SIO=444. Carrier on and off several times. IDed as simply R. Beaver. At 0129, hrd "This is R. Beaver, bcsting from the big nickel in Sudbury" w/ more carrier. Back at 0148 w/ 2 "Radio Beaver" IDs, distorted, maybe in sideband but no time to tune in. Disappeared abruptly. PSE QSL. (ROUTENBURG,ONT) 7415 USB, 9/22, 0100-0144*. Good sig. New Canadian stn de Sudbury, Ontario. Dedicated "Shattered Dreams" to all busted operators. Elton John "Crocodile Rock." Song for "Sodomy" Hussein. Said xmtr was 50 watt Johnson Viking Ranger. Said would have a drop in the future, but for now use PSE QSL. Promos for ACE, PiPa & Ontario DX Letter. Dedicated "One Toke Over the Line" to Phil Muzik of KNBS. DJ was Bucky Beaver. PSE QSL. Thanked Don Bishop for inspiration. "If you're really Canadian, show us your Beaver." (BONNETT,OH) (TAYLOR,PA) (COLLINS,WI) (FOSTER,MI) (ZELLER,OH)

Radio Clandestine: 7415, 9/3, various times from 0136 to 0157. Usual anncmt by RF Burns, then off after 30 secs. May have been rerecording. On and off for abt 1 hr. (ARTHUR via ANARC BBS) (BONNETT,OH) (HANINGTON,ONT) (SUESS,WI) (ZELLER,OH) (FOSTER,MI)

Radio EXP: 7415, 9/1, 0058-0147*, SIO=232. 60's rock incl Procol Harum's "Whiter Shade of Pale." Anncr Dr. Blue. Rptd loop ID at s/off. High QRN killed reception. Wellsville addr. (COATSWORTH,ONT) (ROUTENBURG,ONT) (PROVANCE,OH)

Radio Flattus: 7411, 9/10, 0217-0228*, SIO=333. Some audio distortion. Punk/thrash mx. ID pronounced "flay-tus." Addr as Box 69, Wolf Run(?), OH 43970. Said it was a new drop. Wolf howl sounds. Thanked R. Animal & A. J. Michaels for pgm. "This is R. Animal here." Animal noises at s/off. (ROUTENBURG,ONT)

Radio Mexico: 7400, 8/26, 0314-0326, SIO=323. Usual SS pgm. Bcst hrd in LSB. Before s/off, hrd stn ID & BRS addr. (RICHOLSON,VA) (PROVANCE,OH) 7390, 9/15, 0043-0056*, SIO=343. Mexican mx. Commentary abt US-Mexican Trade Agreement. Mentioned live relay de Mexican stn, maybe Monte Real. (FULLER via ANARC BBS)

Radio USA: 7415, 8/4, *2305-2326, SIO=444. S/on w/ hard rock mx. Taped syndicated mx pgm. Anncd as test. (ROSS,ONT) 7395, 9/9, 0037-0117*, SIO=222+. Rock mx w/ both male & female anncrs. Short comedy sketches. Plug for alternative media like pirate radio & underground newspapers. YL ad for asthma remedy at QRT. Wellsville addr. (SACHS,IL) (RICHOLSON,VA) (ZELLER,OH)

Radio Wolf International: 7415, 9/15, 2309-0020*, SIO=454. Strong sig. Anncr R. Animal. RTTY & CW QRM. (HASKINS via ANARC BBS) 7415, 9/16, 0058-0220*. Wolf howl hrd at tune-in. Blues mx. SS SSB QRM, CW QRM. Moody Blues "Story in Your Eyes" hrd. Anncrs Sparky of WKZP & Harry A. Ness of R. Flattus talk w/ Radio Animal with mention of 25th birthday. Mentioned 1st bcst. Carrier on long before s/on w/ IS of wolves & drums. "Is anybody out there?" hrd. Pittsburgh, PA maildrop. Hrd "They're Coming to Take Me Away." Greeted European

listeners. Jingle ID as RWI. Talk abt movie "Pump Up the Volume." (HAVRILKO,FL) (BAXTER,KS) (SPREMO,NY) (ZELLER,OH) (MASYGA,MN) (SUESS,WI) (COATSWORTH,ONT) (KALACH via ANARC BBS) (SMOLINSKI via ANARC BBS) (BREWER via ANARC BBS) (ARTHUR via ANARC BBS) (RICHOLSON,VA) (PROVANCE,OH) (D'ANGELO,PA) (ROUTENBURG,ONT) (ARTHUR via ANARC BBS) (FULLER via ANARC BBS) (FOSTER,MI) (HANINGTON,ONT)

Samurai Radio: 7414.4, 9/3, *0059-0139*. "Voice of Oriental America" & "Lord of the Sword" annmts. Eddie Currents DJ w/ BRS addr. Greetings to Zeller & WORK. Live UTC TCS. Mx de CDs tonight due to turntable probs. Mx de CSNY, Hall & Oates, Elton John, The Cars. IS of piano mx. 25 watts anncd. Some interference de UTE. BRS addr. "God Save the Queen" at QRT. (BONNETT,OH) (GOETSCH,OH) (BARNARD,ONT) (SUESS,WI) (ZELLER,OH) (VERALDI,ONT) (HANINGTON,ONT) (ROUTENBURG,ONT) (WOLFISH,ONT) (FOSTER,MI) (ARTHUR via ANARC BBS)

Tube Radio: 7415, 9/2, *0232-0302*, SIO=232+. Repeated "Catch Us if You Can" used as IS. Male anncr w/ Baltimore addr. Lots of different mx, incl Robert Palmer, Police, etc. Anncd new AOR format. Funny ad. Muddy audio; somewhat undermodulated. DJ Ray Cathode. Anncd "off the coast of western Nebraska." UTE QRM. Read QSL rpts, de Helms, Zeller, Connor, Blight, etc. 3 first class stamps for QSL requested. (SUESS,WI) (ZELLER,OH) (GOETSCH,OH) (ROUTENBURG,ONT) (WOLFISH,ONT) (SMOLINSKI via ANARC BBS)

US1: 7415.4, 9/16, 0220-0226, SIO=444. IDed as Uniform Sierra One, located approx 2 hrs south of Imeldre(?). PSE QSL. (RICHOLSON,VA)

Voice of Free Radio in North America: 7415, 9/3, *0143-0149*. Annmt of test xmsn. Extremely good, clear, strong sig. Asked Samurai R. for his maildrop & sig rpt. Hoped to begin pgming in a few months. Said they had \$ 10,000 of audio processing eqmt. Currently testing w/ a temporary 1/2 wave vertical. PSE QSL. (WOLFISH,ONT) (BONNETT,OH) (ZELLER,OH) (ROUTENBURG,ONT) (SUTER,VA)

Voice of the Gulf Coast: 7395, 9/1, 0501-0502 & 0518-0528. Played song "It Must Have Been Love" among rock & pop. Said no maildrop; anncd test xmsn. PSE QSL. (ROUTENBURG,ONT) (PROVANCE,OH)

Voice of the Northeast: 7395, 9/1, 0526-0531*, SIO=232+. Played Pat Benatar (?) song, then anncd test xmsn. Said would return. PSE QSL. (GOETSCH,OH)

Voice of Oz: 7410.9v, 9/3, 0310-0358*, SIO=333. "Sunday Morning Show" w/ "Howard E. Williams." Mentioned Buffalo Springfield, Amboy Dukes, Missionary Mary, Ozian Protectorate, United States of Oz, Emerald Captain, Universal Edition of the News. Sponsored by Dunkin Munchkin & Big Al's Benghali Electronics Emporium. Song from original masters album of Jethro Tull. LSB. Wellsville addr. Parody of V of Tomorrow. DX pgm by Nerdly Listlogger. Nx rpt de R. Havana Cuba abt the arrest of FCC Engineer Judah Mansbach in Cuba. TC in Oz Mean Time. Clever pgm. News parody included fact that Nibi Nibi is joining United States of Oz. Oldies rock de late 60s. Rock trivia question. One of the better new stns PSE QSL. (RICHOLSON,VA) (WOLFISH,ONT) (VERALDI,ONT) (HANINGTON,ONT) (ROUTENBURG,ONT) (ZELLER,OH) 7415, 9/3, 0421-0428*, SIO=353+. Returned to the air w/ pgm of late 60's rock. Apologized for playing mx in LSB, but have no AM xmtr. Hrd song "Journey to the Center of the Mind." (ZELLER,OH) (FOSTER,MI) 7400, 9/16, 0235-0314*, SIO=333. Another very clever show, nx, wx & sx from Oz. People should carry squirt guns at night in case of witches. Phony cricket scores. Fireign Theatre "Aliens" sketch & Mexican Air Force ad. Various rock, somewhat tinny in USB, but mod pretty good considering mode. Anncd QTH as the Emerald City. OM is Howard E. Lyons. Mike Oldfield mx hrd. (ZELLER,OH) (KALACH via ANARC BBS) (COATSWORTH,ONT) (RICHOLSON,VA) (D'ANGELO,PA) (PROVANCE,OH) (ROUTENBURG,ONT)

WKZP: 7414.7, 9/2, 1920-1958*, SIO=343. 2 male & 1 female anncrs, incl Sparky & Radio Animal. Rock mx format & slick ads. Hrd "Cat Scratch Fever" by Ted Nugent & mx by Queen, Pink Floyd, etc. Talk abt pirate radio. "WKZP, K-Zap zapping your dial." BRS addr. (HANINGTON,ONT) (ROUTENBURG,ONT)

WLIS: 7423, 9/13, *0100-0121*, SIO=444+. Annrc Jack Boggan w/ interval signals. ID - "WLIS, We Love Interval Signals." IS de Syria, Saudi Arabia, stn IDs de WHBH and Tahiti. Gave Baltimore & BRS addr. Mx by Ozzy Osbourne. PSE QSL. (ROUTENBURG,ONT) (SACHS,IL) (WOLFISH,ONT)

WORK: 7400, 8/19, 0036-0038*, SIO=333. On at same time as HRI. Just managed to get an ID. Bizarre mx in background. (BARNARD,ONT) 7415, 8/24, 0244-0249*. Fair sig w/ mooing & IDs. (MASYGA,MN) 7395, 8/26, 0401-0409*, SIO=233. Pgming consisted of stn IDs, laughter, cattle-like noises & lots of dead air. (WOLFISH,ONT) (BARNARD,ONT) 7400, 8/26, 0427*, SIO=233. Hrd only stn ID & cattle noises. (BARNARD,ONT) 7399.6v, 8/27, 0348-0416*, SIO=343+. Mx & recorded annmts incl "You are listening to a brand new stn, WORK, workers operating radio knobs. Why don't you punch into WORK. Coming soon this holiday." along with laughing. Mx by Edwin Star "War," Killing Joke "War Dance" plus other songs abt "Nuclear Device" "Homicide", etc. No addr. (SUESS,WI) 7415, 9/2, *0314-0400, 0404-0448*. Several songs w/ work theme incl "Work Out," "Working for the Weekend," "Working Man," "Working at the Car Wash," "Let's Work Together." Joke abt union work rules. Advertised a QSL time card. Discussion of wrenches. Ad for "Grizzlers All You Can Chew Buffet." Skits involving the WORK investigative team and beer-drinking were played. Great joke abt the Teamsters. Anncd Wellsville addr. Fading made for difficult copy. Carrier killed sig at 0430. Trivia Contest w/ vacation to Indiana Rehab Center. PSE QSL. (MUSSELL via ANARC BBS) (SMOLINSKI via ANARC BBS) (BARNARD,ONT) (BIGGS via ANARC BBS) (FULLER via ANARC BBS) (COLLINS,WI) (GOETSCH,OH) (SUESS,WI) (ZELLER,OH) (ROUTENBURG,ONT) (HANINGTON,ONT) (PROVANCE,OH) (WOLFISH,ONT) 7395, 9/3, 0055-0130, SIO=232. Labor day bcst. Mx w/ working themes & fake news. (COLLINS,WI) 7420->7418, 9/3, 0246-0254*. Partial repeat of 9/2 0315+ bcst. Abrupt QRT at 0254. Disco song "Car Wash." Trivia question w/ prize trip to Indiana. WORK Radio News sponsored by Hardlees Burger World "We're out to double you over." DJ possibly Joe. WORK investigative rpt on "How many Teamsters does it take to change a light bulb. 12, you got a problem with that?" PSE QSL. (BARNARD,ONT) (BONNETT,OH) (SUESS,WI) (WOLFISH,ONT) (BIGGS via ANARC BBS) (ARTHUR via ANARC BBS) (BAXTER,KS) (ZELLER,OH) (MASYGA,MN) (FOSTER,MI) 7395, 9/4, 0052-0130*. Rock mx by DJ "Working Man." Mx by Rush "Working Man." Working Man news. Mx "Everybody's Working." Jimmy Hoffa trivia question. Thanked all who work. Working apparel skit. Harley Davidson TV. (BRADEN,MA) (FULLER via ANARC BBS) (KALACH via ANARC BBS) (SUESS,WI) (SACHS,IL) (ZELLER,OH) (HANINGTON,ONT) (VERALDI,ONT) (ROUTENBURG,ONT) 7394.6, 9/9, 0223-0230*. IS of machine noise. IDed as "WORK, Voice of Working Man." Ad for Factory Credit Union. Tips on getting a seat at the bar after work. Quick QRT mid-discussion of new show on TV abt litigation. (ZELLER,OH) (BAXTER,KS) (ANDERSON,VA) 7414.7, 9/24, *0403-0451*, SIO=444. IS. Tape loop of a pile driver. Lots of songs w/ work in lyrics. Ad for "Bar Card" credit card, tips for tavern users. Had homemade beer bit. Said Jimmy Hoffa is in the trunk of the last DeSoto. (SUESS,WI)

WPOT: 7400, 8/8, 0435-0515, SIO=454. 1982 1st anniversary bcst. Pat Benetar, ELO, Red Ryder, Led Zep mx. OM DJ gave addr, but bad interference, tech problems on purpose to make it unreadable. Anncd a member of Pirate Radio Net & FRC. PSE QSL. (PROVANCE,OH)

WRFH, Radio Free Harlem: 7385, 9/5, 0439-0518*, SIO=353. Wierd voice made it hard to copy. "Everyone here is high here in the Empire State Bldg." Anncd 15000 watts, for what it is worth. "I Fought the Law" & William Tell Overture. All kinds of wonderful entertainment. Nice weekday surprise! Hrd "Mellow Yellow" at tune-in. OM DJ said they were IDing in accordance w/ FCC rules. Bogus freq of 3868 anncd. 60's protest mx. Two DJs were talking abt mop w/ green fuzz on it. Some drug oriented talk. Solicitation for funds, but addr of Grand Central Stn., NYC. OM w/ familiar voice, w/ nonsense talk. Introduced Marijuana Brass for Herb Alpert Song. Tom Lehrer's "Who's Next" abt A-bomb. Buffalo Springfield's "For What It's Worth" & Woody Woodpecker song. (ALLINSON,SC) PSE QSL. (WOLF,CA) (HAVRILKO,FL)

XERK (possibly XERP): 7435, 8/19, 0401-0505*, SIO=242. Lots of rock w/ frequent IDs & phone #. Claimed Mexican QTH. Impressed that they were being rcvd in Canada. Tnx to Niel Wolfish for tip.

(BARNARD,ONT) 7435, 8/21, 0306-0500+, SIO=232. 2 DJs w/ mx. Also hrd 8/25 & 8/26. Sigs improving. (GOETSCH,OH) 7435.6, 8/25, 0209-0325+, SIO=212+. Very high static level. Comedy skits & mx, some sounding like rap. Pittsburgh PA addr. DJ chatter. Talked abt wanting rpts. (BAXTER,KS) 7434, 8/25, 0342-0345*, SIO=333-. Caught final minutes of bcst w/ "Those Were the Days," All in the Family Theme sung by Archie & Edith. QRT w/ "Good night from Mexico, thank you for listening." NOT hrd to be XERK, distinctly hrd XERP or XERB. PSE QSL. (ALLINSON,SC)

UNIDENTIFIEDS

1620, 9/17, 2231-2315. Playing electronic mx over & over. No stn ID. Possible Free Channel 1620? PSE QSL. (SPOONER,MA)
6240.2, 9/9, 0004-0038, SIO=121. Could barely make out some singing & male annrcr under very low sig, strong CW & SSB interference. Gone when I rechecked at 0044. PSE QSL. (RICHOLSON,VA)
7352Y, 9/15, 0306, SIO=232. Pop mx hrd & quick switch to 7354. Lost soon after. (HAVRILKO,FL)
7381, 9/3, 0014-0015*, SIO=354. Just caught s/off & slow pop song at QRT. Health issues mentioned, so likely One Voice R. (ZELLER,OH)
7381.7, 8/24, 0254-0316. Rock mx incl "Yellow Submarine. NY addr. (MASYGA,MN)
7395: 8/26, 0536-0539, SIO=333. On abruptly w/ "Back in the High Life Again" by Steve Winwood. Could not copy ID. YL gave TC as 5 after 6am. More talk & into another song. Off during song. Relay? At 0540 someone came on and mentioned a relay. (ROUTENBURG,ONT)
7395.7, 8/26, 0413-0414, SIO=453. End of song, then police siren & off. Not same siren as R. USA. PSE ID & QSL. (PROVANCE,OH)
7400, 8/5, 2332-2336, SIO=454. 2 OMs, one named Wayne. Live "Say No to Drugs" promo. Said to have a safe holiday weekend. (PROVANCE,OH)
7410.3, 9/23, 1358-1403*, SIO=242. "Love Will Keep Us Together" & talk before QRT by OM. No ID hrd. On before ANARC Net. (ZELLER,OH)
7411.04, 9/3, 0318-0400*. SIO=242. Male annrcr w/ rock mx. Extreme QRM de pulsing & CW. Poor sound quality. Mx by Buffalo Springfield "Bluebird" & one by Jethro Tull. LSB mode. Gave Wellsville NY addr, but ID not copied. PSE QSL. (GOETSCH,OH) (SUESS,WI)
7414.2, 9/1, 0100-0140+, SIO=231+. Very little copy. OM annrcr & apparent rock mx. Wellsville addr copied. (ZELLER,OH)
7415, 8/18, 0310-0333, SIO=211. Rock songs; heavy guitar mx; male annrcr. Gone at 0338 recheck. PSE QSL. (RICHOLSON,VA)
7415, 8/19, 0524-0529*, SIO=242. Hrd "Traces" & Theme from "Cheers." Talk by OM hard to understand. (D'ANGELO,PA)
7415, 9/2, 0412-0424, SIO=242. 2 DJs, one called Joe & other possibly Dewey Monterey. Heavy static & lots of fade. Joined at end of a gameshow and into discussion of converting Ford Fairlane into an Irish pickup truck. New OSHA rules for riding a horse. Possibly WORK, which was hrd following night on 7420 @ 0246. PSE QSL. (BONNETT,OH)
7415, 9/3, 0238, SIO=243. OMs in QSO. Some arguments w/ talk in EE & SS. Sounded like a circus. (HAVRILKO,FL)
7415, 9/3, 0314-0322, SIO=232. Stn tuned up at 0314. QRM de CW stn on 7415. Baltimore addr. Not hrd after 0322. (HAVRILKO,FL)
7435, 8/19, 0406-0438*, SIO=111. Pirate? Could occ make out mx & male annrcr: "coming up right here lots more mx for you..." Possibly mentioned POB 592. Hrd SS: "Buenos noches, como esta usted?" but could have been from SSB co-channel stn. PSE QSL. (RICHOLSON,VA)
7435, 8/26, 0206-0238+. Hrd mx & young male annrcr. Mention of QSL addr, but not copied. PSE QSL. (SMOLINSKI via ANARC BBS)
7435, 9/2, 0156-0300*, SIO=211. PROFK Free Radio or PRK Free Radio possible IDs. Bad QRM de UTE. Mx by Paula Abdul "Straight Up," Lindao Rondstadt "It's So Easy to Fall in Love," Gordon Lightfoot "Wreck of the Edmund Fitzgerald." BRS addr. (SUESS,WI)
7443.8, 9/4, 0133-0228*, SIO=131. Rock. Wellsville annrcd? (SUESS,WI)
7445, 8/22, 2321-2330*, SIO=333. Talk by male annrcr in unid lang. Any ideas? (GOETSCH,OH)
7540.5, 9/22, 2210-0247, SIO=222. Songs. Female annrcr. No addit copy. (RICHOLSON,VA)

ELSEWHERE IN THE WORLD

Radio Stella: 6319, 9/9, 0339-0420+, SIO=242. Played "Let It Be" by the Beatles. Read list of reception rpts de US. Also hrd mx by Deep Purple, ABC, CCR & theme de Midnight Express. Talk seemed somewhat

undermod. (SPREMO,NY) (D'ANGELO,PA)
Voice of Europe: 7540, 9/19, 0425-0450+, SIO=232. Tentative. No annmcs copied, but hrd several rock/pop songs. Hvy UTE QRM at times. Sig fairly steady. (PROVANCE,OH)

EX-PIRATE STATION

Radio NewYork International: 7520, 9/17, 0113-0201+, SIO=555+. 1st pgm of RNI via WWCN relay. Still anncs free radio, but admits now sponsored commercial pgm. Ad for PopComm & RNI merchandise. Will be on weekly Mondays UTC 0100-0200. Calls to 800-736-9764. Prob 1st NA pirate to evolve into licensed pgm. New addr: Box RNI, Flushing NY 11355. Monitoring Times Ad. Hrd "Radio Bonnie Baghdad" & "Radio I Rock-n-Roll." Funny bits. (ZELLER,OH) (PROVANCE,OH) (ROUTENBURG,ONT)

PSE QSL ADDRESSES

Gregg Allinson, 6600 Rivers Avenue, #612, North Charleston, SC 29418.
Fraser Bonnett, 2270 Nutmeg Ct., Fairborn, OH 45324-6707. John Brewer, 7605 Roberts NE, Albuquerque, NM 87109. Jerry Coatsworth, R #3, Merlin, Ontario NOP 1W0 Canada. Chas. Collins, 1977 S 74th St., West Allis, WI 53219. Richard D'Angelo, 2216 Burkely Drive, Wyomissing, PA 19610. J. Foster, 2611 McKee SW, Grand Rapids, MI 49509. Michael Goetsch, Box 626, Lakewood, OH 44107. Daniel Hanington, Shallow Lake, Ontario Canada N0H 2K0. Paul Haskins, 2870 Maysville Pike #32, Zanesville, OH 43701. Vince Havrilko, 1143-C School Avenue, Patrick AFB, FL 32925. Alan Masyga, 758 W. King St., Winona, MN 55987. Terry Provance, 2530 Oakwood Avenue, Zanesville, OH 43701-1948. Ira Richolson, 6817 Jefferson Ave., Falls Church VA 22042. Robert Ross, Box 1003 Stn B, London ONT N6A 5K1 Canada. Paul Routenburg, 440 Viewmount Drive, Nepean, ONT Canada K2E 7P2. Steve Sachs, 2720 Ft. Sheridan Ave., Highland Park, IL 60035. D. Spooner, 148 South St., Westboro, MA 01581. Ken Suess, 2809 N. 80th Street, Milwaukee, WI 53222-4909. Eric Suter, P O Box 8, Sutherland, VA 23885. Bill Taylor, P. O. Box 455, Unionville, PA 19375. Gary Veraldi, Box 214, Owen Sound, ONT Canada N4K 5P3. Larry Wolf, Box 487, Azusa, CA 91702. Niel Wolfish, 178 Florence Avenue, Willowdale, ONT, Canada M2N 1G4.

MISCELLANEOUS LOGS

Note: These logs are better if sent to the specific column editor. They are printed in DiaLogs on a one-time basis.
UNID, 6240, 9/8, 0403, SIO=333. "Ack, ack, cero, ack, ack, cero 200 69 896" over and over. (ANDERSON,VA)
UNID, 7403.8, 9/10, 0038, SIO=322. Female 3/2 number groups. Lang not recognized, but containing "ack, ack." (ANDERSON,VA)
UNID, 7420, 2334, SIO=555. Female, SS #s, 4 # grps. Very strong sig spanned 7416-7430. Strange place for #s stn. (ANDERSON,VA)
La Voz de Alpha 66: 9495, 8/21, 2330-2356*, SIO=444. Anti-Castro relay via WHRI. Echoed "Cuba, Cuba, Cuba" slogan. (GOETSCH,OH)
La Voz de Cuba Independiente y Democratica: 9941//7340, 8/22, 0235-0320, SIO=444//323. Anti-Castro cland. Chime IS. (GOETSCH,OH)
La Voz de la Fundacion: 7315//9495, 8/22, 0142-0210, SIO=555/243. Anti-Castro cland via WHRI. Nx & mx. (GOETSCH,OH)
Radio Caiman, 9965, 8/22, 0211-0234*, SIO=444. Anti-Castro cland stn. Talk by male on Castro & Cuba interspersed w/ mx. (GOETSCH,OH)
Radio Libertas: 11790//9465, 1602-1631, SIO=222//444. Anti Yugoslavian Croatian independence pgm via WHRI. (GOETSCH,OH)
Radio Patria Libre: 6315, 9/3, 0033-0056, SIO=333. Male & female in SS w/ occ mx. Anti-Colombian stn. (GOETSCH,OH)

WANTED: The A*C*E back issues 1982-1989. PopComm back issues 1983 and Feb. 1986. Will pay cash. Pse contact Michael Goetsch, POB 732, Berea, OH 44017 or call 216-281-1269 (leave message).

How to get 'free radio' --if you really want it

By Don Bishop
P.O. Box 4075
Overland Park, KS 66204-0075

Some pirate radio broadcasters want their activities to be legalized. They would like to see the U.S. radio regulations changed to permit the type of activities in which they already engage, that is, the broadcast of programming intended for reception by the general public.

Other pirates do not advocate a change in the rules. They seem satisfied, perhaps even stimulated, with the outlaw nature of pirate broadcasting.

Free radio, a term that some people would apply to the activity if it were legalized, finds some of its most vocal supporters among *ACE* columnists.

So far, much of the energy spent in support of free radio by some *ACE* columnists and some listeners who write to them has been spent in decrying FCC enforcement actions. Most pirate broadcasters spend their energies in conducting broadcasts and in attempting to evade detection and prosecution by the authorities. Little energy seems to be spent in efforts to legalize the activity.

One reason may be the belief that such an effort is doomed to failure.

Another may be that what motivates writers to write, listeners to listen and pirates to broadcast is not that same as what it would take to motivate them to undertake the drudgery that the process of changing the radio regulations represents.

It is drudgery. It is writing letters, filing comments in government proceedings and drafting petitions--not the type with lots of signatures, but the type used to request regulatory agencies to change their rules. It is not the same as writing for publication, listening to the radio for pirates and, for the pirates themselves, firing up the ol' transmitter for another night of renegade fun.

When free radio was legal

There was a time when U.S. regulations permitted free radio. Maybe a better way to state it is to say there was a time when the regulations did not prohibit it.

That period extended from 1896 (Marconi's first broadcast) to 1922.

Broadcasting was quite different then. Although music first was broadcast in 1900, it wasn't until amateur radio operators began broadcasting musical programs for their neighborhoods and towns that the broadcasting activity fit the description of "free radio."

In January 1922, the Department of Commerce adopted a regulation that prohibited radio amateurs from broadcasting programs to the general public unless they obtained a "limited commercial license." Some did, and some of their amateur stations evolved into broadcast stations. The rest who had been broadcasting to the public stopped doing it, if not right away, at least within a few years. Enforcement was rather lax in those days.

How to bring free radio back

Reversing 70 years of "free radio prohibition" cannot be easy. An enormous radio spectrum management bureaucracy, domestic and international, has grown since 1922. Re-establishing a "free radio service" means shepherding a proposal through the bureaucracy

to a successful conclusion.

First, what is free radio? Is it a broadcasting service, a form of amateur radio service or neither?

Since the early days, broadcasting almost always has been carried out by organizations, private, public and governmental. Amateur radio transmissions almost always are made by individuals.

Free radio probably is more an individual's than an organization's domain, so in that respect it continues to resemble the amateur radio service--of which it was a legitimate part, prior to 1922. But its characteristic of presenting programming to the general public more closely resembles broadcasting.

If it is either a broadcasting service or an amateur radio service, then it might fit existing international radio regulations. At least, the international regulations provide for broadcasting and amateur radio services. Perhaps the U.S. government could authorize free radio under existing international regulations.

If free radio is neither broadcasting or amateur radio, then the U.S. government is likely to require that the international regulations be changed before it would approve a "new" radio service--free radio.

Proponents of free radio base their advocacy in part upon free speech rights guaranteed by the U.S. Constitution's First Amendment. Few other countries have such a guarantee. Most of the world's administrations probably would not favor allowing individual citizens to put their own radio stations on the air for the purpose of offering programs to the general public. Many of them do not even permit broadcasting by private organizations. This situation makes it unlikely that a worldwide allocation for free radio could be won, but perhaps the ITU would recognize free radio to the extent that individual administrations would be allowed to allocate radio spectrum on a shared basis for such a service.

World Administrative Radio Conference

In February 1992, representatives of the 66 member nations of the International Telecommunications Union (ITU) will meet in Geneva, Switzerland, to consider reallocating portions of the radio spectrum from one type of service to another. The meeting is called a World Administrative Radio Conference (WARC).

One of the subjects on the WARC agenda is high-frequency (HF, or shortwave) international broadcasting. If free radio advocates want to present a case to the international community for a worldwide allocation for free radio, this is the best available forum in which to do it.

One position to take would be that free radio is a form of international HF broadcasting, that it deserves recognition as such and that it further deserves a portion of spectrum for its use--either on an exclusive or a shared basis.

A more difficult position to take is that free radio should be recognized as a new service and should be granted access to the spectrum. Free radio is not on the agenda, so it might be difficult to raise such an issue at the WARC.

U.S. government

Another position to take is that free radio somehow fits within ITU regulations as currently written and that the U.S. government has authority under those regulations to allow it.

Such a position would make it unnecessary to pursue spectrum through the WARC. Instead, it would allow direct access to Congress or the FCC for legalization of the activity.

If any *ACE* readers, whether they are columnists, radio listeners or pirate broadcasters, would like information as to how to pursue the legalization of free radio-type activity,

VERIED RESPONSE
your center for QSL information and comment

John T. Arthur, proprietor
RD #1, Box 15A
Belfast, NY 14711

...with help from Staff Reporters Mark Pierce and Bud Wooten, and other friends. VR is electronically transmitted to A*C*E Hdq on or before the 24th of each month. Please send your input and comments to the above address or leave them in the [P]ersonal Mail section of the ANARC TBBS prior to the 18th. Your active participation in the form of reports, suggestions or constructive criticism is solicited.

"In America, through pressure of conformity,
there is freedom of choice, but nothing to choose from."
--Peter Ustinov

Congratulations are in order to the first recipients of the A*C*E Pirate QSL Awards. Steve Rogovich and Pat Murphy have both been granted awards for three countries. Pat Murphy has also received an award for QSLs from 20 different stations. Ye Olde Editore presently has one hanging on his wall for QSLing 60 different stations. You can re-paper your radio room with A*C*E Awards, too. See details in the September VR.

"Every time Europe looks across the Atlantic to see the Americans,
it observes only the rear end of an ostrich."
--H. G. Wells

Off the Wall....
the rumor center

Boy oh boy; talk about coming in like a lion! WORK made the airwaves over Labor Day weekend and scored nearly 50 reception reports! Don't worry, listeners, the cards are in the mail... Another new one that showed up and got a ton of reports was Radio Free Oz, also referred to as the Voice of Oz. They scored about 20 reports for the mass-QSO and a test broadcast. Howard E Lyon sent along the name of the winner of his trivia contest: Paul Haskins of Zanesville, Ohio, knew that the banjo picker on Buffalo Springfield's "Bluebird" was none other than John Hartford. Right on, Paul... And how about that Hope Radio? A recent broadcast monitored here sounded like true Hi-Fi. All they need now is a Kahn stereo generator and they'll blow everyone away. Way to go, MJ... Here's a new service available to any Operator that wants to use it: a telephone accessible voice mailbox. The Free Radio Message Center can be used for music requests or reception reports or whatever. For complete details contact A J Michaels via Box 452 or call the Center at: (412) 551-7392 and leave your name and number so AJ can get back to you with info. He also offers a special maildrop for Halloween: PO Box 69, Wolf Run, OH 43970. Again, kindly contact him with the pertinent details before announcing the address... Here's a special request from WLIS (We Love Interval Signals): they would like to send Mark Meece a QSL card but do not have his address. If you know or ARE Mark, kindly contact WLIS with your address via Box 109, Blue Ridge Summit, PA 17214... And pay no attention to the comment in PopComm that the BRS maildrop is an invalid address. It certainly IS valid... Word is that Peppermint Schnapps Radio never made it on the air and probably won't. However, the new Pittsburgh maildrop is handling mail for XERK and WOLF... And that leads me to echo a comment made several years ago by Glenn Hauser when he was writing Listener's Notebook for NASWA. He was a little put off by the fact that 'pirate' stations tried to hide behind legitimate-sounding call signs, and asked "why bother?" The fact is, if you're going to run the risk of a \$10K fine, why try to sound like you belong there? And I go a step further: why call your

station "Radio ---", when we all know it's radio? "Voice of ---" is just about as bad. But the worst of all is the appendage "Worldwide" or "International", particularly when so few domestic pirates are ever heard outside North America. To me it sounds presumptuous; it is certainly an unnecessary word in any pirate's station ID. So, why not some really creative names? As an example, wouldn't it have been better if Radio Comedy Club International had simply been called "The Comedy Club"? If you tuned your Icom to a station that IDed like that wouldn't you still know it was a "Radio" station? And how about Zeppelin Radio Worldwide. Wouldn't they still have been a pirate radio station even if they called themselves "The Zeppelin"? If you're going to break the Rules, try to be more creative. Am I the only one who feels that way? Your comments would be appreciated...

"What the United States does best is to understand itself.
What it does worst is understand others."
--Carlos Fuentes

+++ under the door +++

QSL report for: October 1990

Ontario's Bob Ross nailed his thumb with a hammer while trying to hang two full data cards from One Voice Radio - 7412/7415 signed by Joe in three weeks, a full data pfc from Radio Exp - 7415 signed by Dr Blue in one month, a full data red card (#9) from Fourth of July Radio - 7415 signed by Jett Johnson, and two pfc's and a computer generated letter (#12) from CHGO - 7415/7410.4 signed by John Rosengarten in one month. Massachusetts's Ben Fuller Jr took down his mother-in-law's portrait to hang up two full data yellow cards (#300 & 301) from Radio USA signed by Mr Blue Sky. Virginia's Steve Rogovich knocked plaster off the wall to hang a full data logo card from Action Radio - 7415 which was received in 44 days, and a full data outhouse card (#21) from CFBN - 7419 signed by Black and House Fly in 27 days. Florida's S/Sgt Vince Havrilko can't poke holes in his walls, so he added another page to his album to display a full data blue and white card from Samurai Radio signed by Eddie Currents who said to eat fig newtons, a full data photo of the Abominable Punk Snowman from Radio USQ signed by Mr Blue Sky, and a full data VOMit sheet from Voice of Monotony signed by Uncle Salty, all for the joint broadcast on 15053 kHz and all received in about four months. Ohio's ACE Columnist George Zeller moves up another notch with an unsigned date only logo card from Action Radio - 7414.6, a full data pink outhouse card from CFBN - 7415 signed by Black and House Fly, a full data FCC/DOC cartoon sheet (#2) from CSIC - 7516 signed by Rambo, a full data pink schematic card (#37) from Tube Radio - 7409 signed by Ray Cathode, and a full data rocky rhino sheet (#20) from Rockabilly Radio - 7411.76421 with bumperstickers and wooden nickle. Tennessee's Paul Spurlock tied down a letter from the Revolutionary Voice of Plainville in 105 days, a full data letter (#7) from CHGO signed by John Rosengarten in seven days, a full data orange card from Radio Marabu for a relay by Society of Industrial Music with station photo and a two page info letter in 100 days, a full data red card (#16) from Fourth of July Radio signed by Jett Johnson in 30 days, and a nice letter from Hope Radio signed by MJ in 66 days. Wisconsin's Ken Suess finally got his first pirate QSL, a full data rocky rhino sheet (#29) from Rockabilly Radio - 7412USB signed by Rocky in 55 days. Texas' Russell Biggs is building a new wall to display a red full data card (#4) from Fourth of July Radio - 7415 with a press release, and a full data computer printed sheet (#2) from XERK - 7435 saying 60 watts for a phone call.

Ye Olde Editore squeezed out another full data logo card from Action Radio in three weeks, a full data time card (#6) from WORK - 7418 signed by Workingman, and a full data green sheet from Radio Free Oz - 7415 signed by Howard E. Lyon for the Labor Day QSO.

Best of DX and 73

\$30 41m Mini - Beam

(Part one)

By: Ferlin Getty

Been looking to improve on the whip or random-wire antenna on your present radio? Before it gets TOO cold, upgrade to the directivity and gain of a dipole without having to become a land baron! This antenna transmits as well as it receives, is half as long as a normal dipole, and costs only \$15 to build. I have designed this as the first part of a \$30 two element fixed wire beam, which will provide 4-5 dB gain over a dipole, but you can build this part first and use it now. No changes will be necessary when upgrading the antenna with the second element.

A dipole will provide significant gain over a random wire, and certainly over the built-in whip found in most portables. The major disadvantage of the dipole at 7.4 Mhz is its considerable size... over 60 feet! This trapped, or shortened dipole reduces that length to only about 30 feet without a significant loss of performance.

Construction:

The key to this design are the traps. These are constructed from two 2" diameter PVC (plastic plumbing pipe) reducers available at most full line home supply stores (fig#1). To assemble, scuff up the mating surfaces with some sandpaper, apply cement to both parts and hold together until dry. Next drill a 1/8" hole in each end of the bobbin (fig #2). Wind the coil tightly with exactly 17 turns of number 16 stranded, insulated automotive wire (also available at your friendly neighborhood hardware emporium). The 17 turns will be a tight fit. In my case, I filed away a bit of the inside edges of these "bobbins" to get all the turns on. The turns must be flat and uniform across the face of the coil form. Do not overlap the windings.

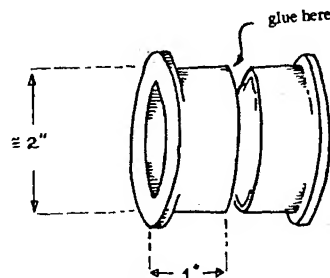
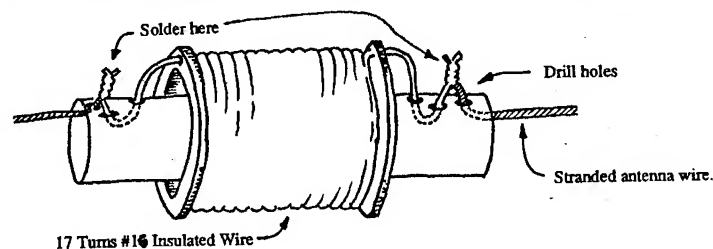


Figure #1
Coil Form Assembly

Materials: 4 - 2"PVC reducers	1 - 1ft section of 3/4"PVC pipe
1 - roll of #16 stranded insulated wire.	
PVC Cement	1 - Roll Radio Shack Ant. Wire.
1 - 1 3/4" PVC Union	1 - SO-239 Connector

Leave about 3" of wire running out of the holes at each end of the form. When you have finished the first trap, go back and do the whole thing over again for the second one.

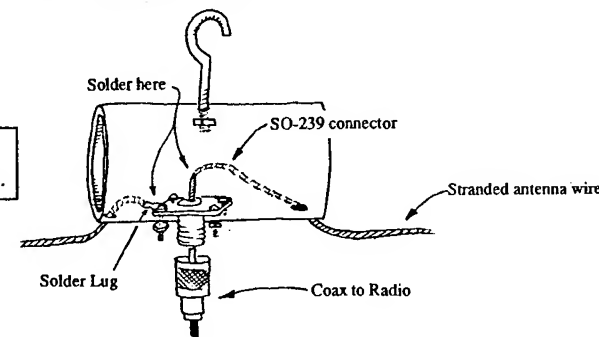


For the center insulator, I used a 1 3/4" PVC union, with a Radio Shack SO-239 connector for ease of connection to the coax line. Figure 3 is a rough sketch of this center connection. The large hole for the coax connector was made by first drilling the PVC with as large a bit as I had, then enlarging it further with a round file. Drill two small holes for the antenna leads as shown. Placement of any of the holes is not critical.

Assembly:

The final parts to make are the trap insulators. Cut two 4" lengths of 3/4" PVC pipe and drill six holes as indicated. Insert these pieces into traps and route the wires as indicated in figure #2. Cut the antenna wire per the lengths shown in the Final Assembly Diagram (fig #4). When you cut the wire (most easily done by marking lengths on the ground and stretching the wire over them) mark the exact lengths but leave about 2" at each end for the solder connections. Solder all connections, except if the antenna is to be used for transmitting. In the latter case, do not solder the far ends of the antenna to the end insulators.

Figure #3
Center Insulator Details.



Installation:

Double check all solder joints. In order for the traps to be as lossless as possible excellent electrical contact must be made. Hang the center insulator from a convenient high object (or tie the ends to two sturdy supports) and connect 52 ohm coax (RG58 or equiv.) to the center connector. Wrap the coax connection with electrical tape to avoid weather damage. Scrap pieces of the 3/4" PVC pipe can be used for the end insulators. Orient the legs of the antenna so that it is broadside to the direction you are most interested in listening to. If you need to listen in a N-S direction, install the antenna with the two legs running E-W. Connect the coax to your receiver and you're ready to roll! (Note: Radio Shack sells pre-assembled coax cables, and a variety of adapters to connect up your radio, if you are not able to custom make the coax assembly. The quality of the cable is adequate, but not great! If you can make your own out of mini-RG8, you'll probably save money and end up with better quality cables!)

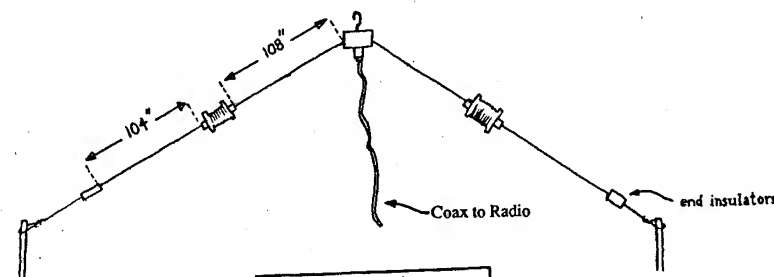
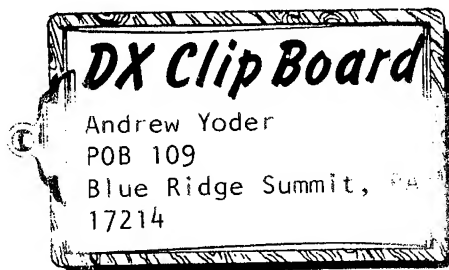


Figure #4
Final Assembly Diagram

continued to page 26



Howdy! It's ACE time again and things (activity-wise) aren't slowing down. I sure don't mind because that means I've got something to write about!

To start off, I actually got something through the box for this column alone. Adrian Jeffries from California wonders about Radio For Peace International (RFPI). He logged 'em on 9/9/90 with NPR-style programming on 7376 USB.

Adrian wonders if the station is licensed or not. Yup, actually it is,

the location is Costa Rica, I believe, and the output power is 5 KW. Recently I read one of their flyers. Apparently they take their program content very seriously (liberal, peace-oriented & conservation-minded) and they use SSB to save on power. Also they plan to run an entirely solar-powered transmitter soon! Now that's an idea for a pirate! Thanks for the question, Adrian!

Hope Radio International

MJ and the boys seem to really be making the news lately. The station has been very active, very strong, and very tightly programmed. Well, they've done it again, this time a new outlet on 19 meters has been set-up.

A few weekends ago, Hope Radio tested on 15050 kHz for about an hour or so (maybe longer). Thus far, I know the station was heard simultaneously in PA, MA, IL, IN, TX, and West Germany! Yesterday I received the German report in the box, and fortunately a cassette of the broadcast was enclosed. I would estimate that the signal report would be somewhere around SINPO:42443!

Needless to say, MJ is excited about the possibilities. He has even been talking about beaming Hope Radio to Europe on 15050 kHz as a sort of European Service. So be sure to keep checking 15050 kHz for Hope Radio, and other assorted stations.

HR t-shirts

Now taht I've recently broke even on Radio Clandestine t-shirts, it's time now for Hope Radio shirts! If you order before October 15, the cost will be \$9 for ACE members. After that, the cost will go up to \$10. The design is nearly worked out and I believe it will be printed on yellow or grey (one or the other) shirts. The sizes are M, L & XL. Make all ckecks, money orders, etc payable to: Andrew Yoder at the "regular" Blue Ridge Summit address (at the top of the page). I'm going to order a smaller quantity than last time, so order soon before they sell out! Proceeds help support Hope Radio.

Radio Wolf International Videotaped

Although the name of the station is new, many of the personalities who took part in the first Radio Wolf International broadcast should be familiar. At the helm of the controlboard was the Radio Animal (ex-WKND) with Sparky (WK2P) and Harry A. Ness (Radio Flattus).

Since all of the personnel from this broadcast are regularly on the air, this program might not seem newsworthy. However, as the program was being recorded, and when it was later being broadcast, it was being videotaped as a documentary on how-to operate a pirate radio station!

Franklin Video, a producer of industrial and how-to videos, will be offering the videotape for sale to the general public in the next few months through advertisements in radio magazines. Dave Oswalt, executive producer, says that the tape will last somewhere between 60 and 120 minutes, and depending on the amount of time, should "cost between \$14.95 and \$29.95."

In order to clean his basement, prepare programming, etc., the Radio Animal called off from work, stayed up all night, and worked through the day. Everyone arrived at the Animal's house to begin recording in midafternoon. After some initial talk and a discussion of the night's activities, taping for the program began at about 3:45 pm. The program was completed a few hours later despite several interruptions from telephone calls and Sparky begging everyone to go out and buy a bucket of chicken.

By around 6 pm, everything was packed up and ready to go, except for a lost audio cable. Everyone spent about 30 minutes looking for it until an appropriate one was found. Sparky got impatient and went to the car to crank up heavy metal, while everyone else just looked lost. Finally, the 2 cars headed off, packed with a Johnson Viking II transmitter and a gasoline/electric generator.

After getting sidetracked by Whoppers at a packed Burger King (and watching Sparky happily pack it all in), the crew took off for the field site.

Living up to Sparky's motto of "no higher than corn, no lower than potatoes," everyone stayed on the ground while Harry A. climbed a tree to put the sloper antenna in. Dave Oswalt's camera lights nearly sucked the generator dry (actually blowing the reset button once) while taping the antenna preparation. The set-up seemed to go fairly smoothly until it was found that none of the connectors would pass audio to the transmitter. So, the transmitter was left on with a dead carrier on 7415 kHz for about 15 minutes until Radio Animal ripped the bottom off of the Viking II and by-passed the audio inputs.

During the entire broadcast, police cars were driving by, shining spotlights on the hill, looking for underage beer parties! Whenever this happened, most everyone tried to hide behind bushes, tree, and ditches, and the lights for videotaping were turned off.

Fortunately for the crew, the end of the broadcast was fun, but uneventful.

If you are interested in calling about catching some of this on video, call (800) 255-5659.

-----A side note to all of this. I was at the broadcast and it was really an experience! What I've written here is mostly just factual info, because there's just too much that could be talked about. However, one of my favorite stories was when three underage drinkers came up to us & asked if we were drinking. We said no. Then they said "well, we're gonna try to get out of here, if the cops get us could ya say that we're your friends & we're with you?" Harry & Sparky said "Sure." Then they saw the radio equipment & asked Sparky if it was his "project." He said "uh, yeah it is." That one was pretty great, but it's not on videotape.

Anyway, I wouldn't write so much about a single broadcast, but I figure that it's gonna get immortalized on videotape, so it's newsworthy in itself.

And what did Dave Oswalt think of the pirates? "I thoroughly enjoyed myself... the mystery and tension in the gravel pit with the dark sky and the spotlights. I was really intrigued by the diversity of everyone there. They were a lot of fun and not just strange, frustrated DJs like I thought pirates might be. I am really grateful for the acceptance. From the first moment, I felt like I was a part of the group."

Radio Anarchy (etc)

This column has been art-free for just too long, so I thought it was time to include something from the West's own, Radio Anarchy. If ya live in the West, be sure to look for it on 7417 kHz and also a new one called Anarchy 1 on 7345 SSB. Wow, what is all this anarchy stuff? hi.

I've seen a few logs from the West Coast for WFRH, Radio Free Harlem. All you old-timers will recognize this call from a station that popped-up once back in '83. Judging by the programming & the fact that they announced 15,000 Watts from the Empire State building, this is either the same station as the one from '83 or it's someone who's copying it.

Regardless, the WFRH signal must've been phenom! It was heard SIO:444 in CT, FL, & CA at the same time on 41m!

So now maybe ther'll be some activity for a few of you Westcoasters. With a little luck, maybe a few of the East Coast stations will move up to 19m and give the rest of the country a shot

I guess that's about all I have time (and room) to say for now. Remember to send your questions, answers, and blank signed checks to me at the usual Blue Ridge Summit box. And remember to buy those t-shirts, lotsa t-shirts, just in time for the Christmas season! hi!



COVERT CORNER

Harry L. Helms AA6FW
7445 Andasol St.
San Diego, CA 92126

CLANDESTINE PROFILE by George Zeller

Don't look now, but I think I might have a Foghorn in my backyard. Or somewhere close to it.

Since early August, I've been hearing the Foghorn in the 7400 to 7850 kHz range with regularity. And it's been real interesting listening.

Cases in point: August 13, 7556 kHz, 1354 UTC. A "classic" Foghorn: twenty second "bursts" with about a minute of silence between each. Signals were hitting over 40 dB above S9 here, with a rock-steady signal. August 15, 7674 kHz, 1356—tune-in to a signal similar to the 8/13 logging. But, about 1400, the signal changed. It took me a couple of minutes to realize what had happened, but by 1403 I knew that the Foghorn signal had changed over to a "Motorboat"! The signal was spread from about 7660 to 7680 kHz and was as loud as the Foghorn.

Not all Foghorns heard here were in the morning hours. I caught one on August 17 at 0521 on 7840 kHz. However, this signal was only about S9 and had a good bit of skywave "bounce." The next time, August 18, I caught the Foghorn operating simultaneously on 6776 and 7586 kHz around 0530. These Foghorns were not in parallel, however; 7586 was weaker and operating with a shorter "on" cycle than 6776. Both signals were clearly skywave.

On August 20, I caught the Motorboat on a center frequency of about 7551.5 kHz around 1413. The signal covered from approximately 7537 to 7557. The signal was once again rock-steady. I switched in the attenuator on my receiver and it was still rock steady. Inspired, I disconnected my antenna and merely touch my fingertips to the antenna terminals. Still loud and steady. It stayed that way until an apparent sign-off around 1430.

Just so you can appreciate the significance of "fingertipping," the only other stations I can receive via that method are some local AM broadcast band stations.

By August 21, the Foghorn had mutated into something I'm calling the "Buzzer," since it sounds like a low-pitched buzz. At 0420 on 7401.5, I caught the Buzzer intermittently changing into the Foghorn for five seconds or less before reverting to the Buzzer. Later that evening, I caught it again on 7442 kHz at 0556. In both cases, the signal was S9+ 20dB but with some definite skywave bounce. The next morning, I tried to hear the Foghorn from 7300 to 7800 kHz without success.

On August 22, I caught the Foghorn on 7540.2 kHz at 1419. The signal was again strong, peaking 20 dB over S9, but there was some quick fading on peaks. In between Foghorn blasts, it sometimes lapsed into what I can only describe as a sound similar to masonry being drilled.

My latest reception was on September 10. At 1407, I caught the Motorboat centered on 7730 but spread from 7721 to 7741.5 kHz. This was a mellow Motorboat, so much so that I'm tempted to call it the "Hummer." I rechecked the frequency at 1453, and a classic Foghorn was heard. The signal had dropped since 1407, from S9+ to S7, and I suspect the increasing ionization from the Sun was taking a bigger bite out of the signal.

What are we to make of all this? For starters, it seems like there are multiple Foghorn sites around the place. It looks like some are on the west coast, and maybe further west (like Hawaii?). And the story that a helpful agency of the U.S. government put out earlier this year about the Foghorn being located in Nicaragua now seems more than a little suspect. How about some reports from the rest of you across the country?

There's a couple of interesting CW markers now being heard around 0330. On 6981.5, there's "VVV VVV VVV DE BEACON 22222" and on 11130 "VVV VVV VVV DE BEACON 77777." Both are putting good signals into here at that time. Has anyone heard BEACON 11111? BEACON 55555???

A really weird signal was widely heard on September 16 on 7526 kHz. I first heard it at 0338, and the best description I can come up with is something like a tape of a steel drum band played backwards. Others felt it was some strange atonal music or "...the London Symphony on drugs." The signal was definitely AM mode, and at times reminded me of a malfunctioning piccolo transmitter. I kept a receiver tuned to 7526 until after 0600, and the signal was briefly interrupted at sporadic intervals by data bursts. The signal strength increased as the evening wore on, leading me to suspect this transmitter is somewhere in the Pacific or Asia. This signal was reported as far east as New York during Portal's "Los Numeros On-Line." Anyone noted this or a similar signal?

Chas Collins sent a note about how he was listening to Radio Baghdad on August 19 on 15400 UTC around 2100, listening to the news in English. In between the items ("...Vietnam will seem like a picnic...") Chas clearly heard someone sending "dahdididit dididit" in CW! This was done several times. See the advantages of learning CW, besides getting that coveted ham radio license so you can discuss your gall bladder operation with the other OMs? Got a nice letter from Vince Maurilko, who's with the Air Force at Patrick AFB in Florida. He reports the Foghorn on 7490 kHz at 9527 on September 5 with a killer signal. Vince also says he hears lots of Spanish QSOs in SSB on frequencies such as 7400, 7415, and 7425 kHz. Hope your upcoming assignment to Germany goes well, Vince, and your reports from Europe would be welcome!

Everybody seen *Wild at Heart* yet??? If so, henceforth I will be known to all of you as "Bobby Peru"! LISTEN! REPORT! BUT OF COURSE!!!! 73,

Harry

Your loggings and information about clandestine radio stations are always very welcome for this column. You can send them to your editor at 3492 West 123rd Street, Cleveland, Ohio, 44111. Or, you can call (216) 941-3366 anytime, or else (216) 696-9077 between 1200-2045 UTC. It looks like we finally kept a column within the two page limit, so that we don't have to extend it to a continuation page. Also, this is a very exciting time for clandestine radio, given the obviously critical situation in the Middle East.

MIDDLE EAST CLANDESTINE ACTIVITY

Once again this month, we need to headline the column with clandestine news related to the Middle East. The situation in this region of the world is certainly leading to the creation of several new and/or revitalized clandestine radio operations. Conditions are clearly present that could lead to a new English language clandestine from Iraq, but we apparently have not seen this as of column deadline time. Among A*C*E members, we have almost no logging reports on emerging Arabic language clandestines. But, other DX sources have published early reports.

In *DX Listening Digest* #28, Glenn Hauser lists one of many recent logs of "Holy Mecca Radio." Citing WBI, Glenn reports that they are scheduled in Arabic from 0400-2200 UTC. In *Número Uno* bulletin #1079, Terry Kreuger of Florida noted that this one has a broadband signal, perhaps because it may be using three parallel transmitters in the 9718, 9720, and 9722 KHz range to avoid jamming. Terry hears the station over its jammer around 2200, and in fact past Hauser's scheduled sign-off time. This station is anti-Saudi Arabia and pro-Iraq in its politics.

Logs have also appeared lately for another station, the Voice of Egypt of Arabism ("Saut Misr al-Urubah" in Arabic). Multiple *Número Uno* loggings via Terry Kreuger (with input from *Monitoring Times* clandestine expert John Santosuosso) note this one in the 1830-2000 UTC range around nominal frequencies of 12025, 15150, 15170, and 17720 KHz. The program is jammed, apparently by Iraq. The broadcast frequencies are also co-channel to the "Voice of the Masses" Arabic language service of Radio Baghdad. So, we have both SWBC programming and jamming on these frequencies from Iraq, and an apparent clandestine service from Egyptian transmitters, all at the same time on top of each other. It is worth a listen just to hear the mess.

Many of us, including your editor, hear the regular non-clandestine English SWBC services of Radio Baghdad daily on 13660 KHz, and on not parallel 11860 KHz. The 25 meter band program, supposedly containing occasional nasty messages to American troops in Saudi Arabia, is usually demolished on this frequency at my Ohio QTH by a Radio Moscow service. But, the other program on 13 MHz puts in a steady and audible signal here. While not clandestine, these broadcasts make for very interesting listening.

The Middle East situation has generated a lot of newfound interest by many DX-ers in both licensed and clandestine broadcasting activity in Arabic. Unfortunately, few of us have even a sketchy knowledge of the Arabic language. Thus, even a definite ID on many broadcasts is difficult. Many programs can easily be spotted during bandscans by co-channel "bubble" or "whining siren" jamming. For instance, A*C*E member Vince Havrilko of Florida (and your editor) currently notice an unidentified, unlisted, and jammed Arabic program on 9490 KHz, +/- a couple of hours around 2300. This broadcast has clear Middle Eastern political content and Arabic music, and it is audible at the times when China is not using this frequency. Does anybody know what this program is? The transmission is over/under a whining jammer. Since it is unidentified (at least by us so far), it could be either a licensed station program service or a clandestine. We should all keep our ears open as we spin the radio dial across the bands. Also, don't forget to send information on what you find to this column. We all will have an intense interest in Middle Eastern clandestine activity for some time to come.

Even if you can't understand a word of Arabic, the aforementioned clandestines (and others that we hope to locate and ID in the near future) can make for fascinating listening. The tone and voice inflection of the announcer can tell you a lot about what the station is trying to say. The music and other programming content can give you a flavor for the local culture in a region that now commands the full attention of all of us who live in North America. Person and place names, such as Saddam Hussein, Iraq, etc., are understandable in any language. Some DX-ers have tended to ignore clandestine broadcasts in even relatively familiar languages like Spanish, simply because they are not fluent in the language. This is a mistake! You can really enjoy clandestines, even if you cannot understand every word or paragraph of an announcer's script. It might be a lot more fun than you think to listen to some of these Arabic clandestines. At the very least, you will be right in direct contact with the first major political and military crisis of the post-Cold war period.

WTRA UPDATE

Mike Townsend of Illinois once again sends in updated information on WTRA. This station continues its operation as sort-of a pirate and sort-of a local FM clandestine in Springfield, Illinois. (See the July and August A*C*E for more information). The station still broadcasts nightly from the John Jay Homes public housing project in Springfield. It has been on daily for about a year now, despite an FCC bust and a subsequent FCC fine, which remains unpaid. (The station had an additional irregular broadcast history that goes back four years). The operator and guiding force of WTRA, formerly known as Dwayne Readus, has officially changed his name to Mbanna Kantako. A second WTRA-type station, with an ID of "Zoom Black Magic" station #2, has recently taken to the air with a signal that covers a ten block radius in Decatur, Illinois. Townsend reports that WTRA has been contacted by "grassroots people" and media in 33 states and three foreign countries. The MTV cable network covered this station in late August for a few days. Kantako's contact telephone number remains (217) 527-1298, and Mike Townsend can still be reached for additional station information at the Child, Family, and Community Services Program, Sangamon State University, Springfield, Illinois 62794.

WTRA, the Zoom Black Magic stations, etc. are a unique species in the United States. Technically they are FM pirates, but since they operate for political purposes in local communities, they certainly have clandestine station properties. This column will continue to note developments in this movement, which is a subset of Free Radio that has often escaped serious attention in the DX hobby.

CUBAN CLANDESTINE STATIONS

Vince Havrilko sends in several logs for the regularly heard anti-Castro clandestine stations. Radio Caiman still blasts forth on 9965 in the morning and evening, but it still does not have an address or sponsoring organization that is known to the DX community. La Voz del CID still uses 9941+ KHz most of the day, parallel to slightly variable 7340 KHz in the early evenings. After about 0400 UTC, the 31 meter frequency still shifts down to 6315 KHz, where it is generally in parallel to 7340. Vince and I both occasionally note the CID is sometimes unexpectedly off the air for a day or two on some frequencies, sort of like the situation at WRNO lately. Bill Lebaum of the Miami New Times is researching an article on the current situation on Cuban clandestine radio operations, so southern Florida A*C*E members might wish to keep their eyes on upcoming editions of this publication.

RADIO PATRIA LIBRE

The ELN's anti-Colombia station continues to be well heard in North America. Vince Havrilko noted them on 6315 KHz on several consecutive days in early September, using the 0300-0100+ time frame. But, Vince found them 10 KHz lower on some nights later in September. The station seems to operate on 6310 KHz +/- 10 KHz on any given night. But, during any single transmission, their frequency is stable. Like Radio Caiman, we still eagerly await an address for either Patria Libre or the ELN.

MONITORING TIMES CONVENTION

It is probably a little late to think about plans for the first MT convention by the time that you have this bulletin in your hands. But, I know that several A*C*E members and editors plan to be in attendance at the Monitoring Times convention in Knoxville, Tennessee on October 5-7 at the Hyatt Regency Hotel. Alan Weiner of RNI is scheduled to host a session at this convention on pirate radio. In addition, I am sure that all A*C*E members in attendance will be touching base with each other. (Of course, RNI is now back on the air over its WWCN relay on 7520 KHz between 0100-0300 UTC Mondays). A number of rumors and tips on clandestines will undoubtedly surface at this convention, so we will have a report on it next month.

THANKS!

In October we thank a few people for their direct input to this column: Vince Havrilko (Florida), Mike Townsend (Illinois), Christopher Meloche (Ontario), and George Zeller (Ohio). We all look forward to hearing from YOU by October 20 for the November A*C*E "Clandestine Profile."

Try a folded dipole for your next Antenna Project

By Chris Smolinski

40 South Lake Way

Reisterstown, MD 21136

Thinking about putting up a new antenna? I would like to relate my recent experiences with the folded dipole. The particular antenna I constructed was designed for the 48 meter Euro-pirate band, but is applicable for any band.

As shown in figure 1, the folded dipole is very similar to the traditional quarter wave dipole. However, instead of a single wire, the antenna is constructed using two parallel wires. Chances are, you already have used a folded dipole. It is the antenna commonly packaged with stereo equipment.

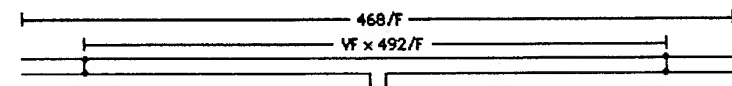


Figure 1

The folded dipole has an impedance of 300 ohms, four times the impedance of a traditional dipole. The antenna can be constructed using TV style 300 ohm transmission line. The same 300 ohm cable can be used to feed the antenna or, more commonly, a 4:1 balun may be employed, dropping the impedance down to 75 ohms. The antenna can then be fed with 75 ohm coax.

The major advantage of the folded dipole over the single conductor half wave dipole is increased bandwidth. The reactance increases more slowly from the resonant frequency than a single conductor dipole.

If 300 ohm TV style transmission line is used, a good quality outdoor style cable which can withstand the weather should be selected. Be careful of some of the cheaper types of cable, which will rapidly deteriorate in the outdoors. In addition, make sure that the cable's conductors are not too small of a gauge.

The overall length of the antenna is 95% of a half wavelength, the same as a single conductor dipole. The distance between shorts in the antenna is a half wavelength, multiplied by the velocity factor of the transmission line selected. According to the *ARRL Antenna Handbook*, the velocity factor of standard 300 ohm transmission line is 0.82.

This means that the overall length of a folded dipole for the 48 meter band, with a design frequency of 6250 kHz, is 74.9 feet, and the length of the shorted section is 64.6 feet. The respective lengths for an antenna designed for 7415 kHz are 63.1 and 54.4 feet.

continued to page 27

HAVANA MOON



HAVANA MOON
117 W. Harrison Building
6th Floor, Suite H-319
Chicago, IL 60604

Glimmers of moonlight
Reflecting through leaves
A shimmering lace veil
Crosses her face

-- kurichan

* NUMBERS 101, Part 10 *

The 5046-7//6840 KHz DAYTIME NUMBERS STATION

George Zeller has been dangling this one in front of me for a couple of months now - and he makes some interesting observations about this 3/2 format English Numbers station. I haven't been ignoring you, George - in fact, I commented on this station in my May, 1990 column. So why don't we detail what we know about it:

- The format used is 3/2 English, with a long count sequence in the header. As published in the 6/90 A*C*E, here are the technical details of this type of numbers transmission:

Type Five Transmission Formats (3/2 English)

"361" (repeated three times)
1234567890

(This header, consisting of the identifier and the count from 1-0 is repeated for a full five minutes.)
(10 electronic tones)
(repeated twice - corresponds to group count)
(cipher text or crypt)

"Count xx"
"xxx xx xxx xx . . ."
"Repeat"
"Count xx"
"xxx xx xxx xx . . ."
"End"

(as above)

The cadence moves like this - 123.45..123.45..123.45.. where '.' equates to a pause equivalent to the spacing between the numbers. So if you were to pace it through, each group of 3/2 numbers, when combined with its spaces yields a count of 8 - one full 3/2 set with its spaces occupies an 8 second block.

- The station transmits in parallel on 5046-7 and 6840 on a four hour cycle throughout daylight hours. The first broadcast that can be heard on the Northeast Coast is at 11 am Eastern Daylight Time (1500 UTC). The last broadcast heard is at 7 pm EDT (2300 UTC).

Note: 6840 kHz is an extremely active Numbers frequency, with many different transmissions monitored throughout the late evening and night-time hours. These are known to include 4-D Spanish, 5-D Spanish and English Mossad Phonetic stations.

- The broadcasts are often found to repeat, and they are heard 7 days a week. They are highly professional in quality and adhere to a rigid schedule of pre-transmission testing.
- Signal strength for this station has been noted to be in the S-9 range in the middle of the day in Cleveland, New York and Virginia Beach. It can also be heard in Eastern Massachusetts, but with a noticeable lessening of signal strength. It can not be heard in Florida, although Harry Helms, reporting in the 8/90 Umbra et Lux on the results of a coordinated monitoring effort on the parallel frequency, 6840 kHz, indicates having received reports

that the signal can be heard as far west of the Mississippi as Texas, although signal strengths are reported only in the S-6 range.

- 60 Meter signals don't travel very far in the daytime. A signal strength of S-9 in Cleveland, Virginia Beach and New York are indicative of a transmitter site within 300 miles or so - which would place it in Northern Virginia.
- The US Government is known to have a powerful transmitter site operated by NCS in Warrenton/Remington, VA.
- Other numbers transmissions have been positively determined to originate from the Warrenton/Remington site. These were of the 4-Digit variety, both English and Spanish. One of these transmissions can be heard every night on 6840 kHz at 0130 UTC.
- There is a CIA training facility in the same part of Virginia.

It seems fairly plain to me. The 5047//6840 transmissions in broad daylight are in all likelihood made by a US Government Agency. Why? Your guess is as good as mine - I didn't do any better at Crystal Ball 101 than any of you did! Perhaps they're just radio checks for spies in training, or practical hands-on experience with One-Time-Pads.

So what have we here? Spies transmitting to spies? Mother Hen transmitting to Chicken Little? Here's your message for today, Boys and Girls. Let's see how you do out there in the woods! The mystery continues!

HM's E-MAIL RECEPTION REPORT OF THE MONTH

Not one this month - but two - both posted to GENie - and they're unusual in that they both report intercepts of 4 and 5-Digit Spanish numbers in daylight hours on 18 MHz. Any and all unusual loggings are welcome!

A.COURTNEY at 10:11 EDT, Sun Sep 02, 1990

This morning (9/2) while tuning around looking for USAF traffic I came upon a SS YL numbers station on 18849.5 in RC USB> This was at 1405 UTC, repeating 700, 700, 700, 1,2,3,4,5,6,7,8,9,0.... then 'Grupo Uno, Cinco, Cero (?)', then into 4 number groups. Allan

V.MICHAUD at 18:42 CDT, Tue Sep 04, 1990

Well, I got my first numbers station today at 2000Z on 18832 kHz. It was a female sending 5 digit groups in Spanish. It was a weak signal with a lot of fading. Never was interested in these stations before, but my interest is piqued now. Victor

If any of you have access to the many e-mail gateways that abound these days, you can probably reach me. All of the following addresses are checked daily - so write early and write often!

HAVANAMOON@cup.portal.com (Internet)
...!sun!portal!cup.portal.com!HAVANAMOON (UUCP)
HAVANA.MOON (Genie)
1:272/39 (FidoNet)

THANKS, THANKS & THANKS AGAIN!

To the following publications: The Whole Earth Review, The Surveillant, a new bi-monthly Newsletter published by The National Intelligence Book Center, The Intelligence Newsletter, published by Indigo Publications Group of Paris, France and Radio Netherlands' Media Network for recent mentions of The Numbers Factsheet and UeL! This is the big time, Folks!

. CAR PHONES AND ELECTRONIC SYSTEMS - GIVE ME A BRAKE . . .

Reports indicate that a safety alert has been issued to thousands of mobile telephone engineers following a recent incident in which a Jaguar lost all its power because of a faulty telephone installation. All electrical systems including the lights, brakes and the engine were shut down by a crossed wire.

Engineers who install mobile communications equipment have been advised that faulty installation could damage vital equipment. At particular risk are anti-lock braking systems (ABS), gearboxes and safety mechanisms.

The vehicle in question? Stalled on a motorway. The driver escaped injury.

. STATUS: GROVE SR-1000

According to a report in the August, 1990, Monitoring Times, the long-awaited Grove SR-1000 Spectrum Surveillance Receiver has been put on hold.

The receiver is a victim of high development costs and extended delivery dates. Developer Bob Grove is said to be in the process of an extended review of options and opportunities. An announcement is to be made shortly.

. A WALK ON THE WILD SIDE

Here's a look at one of the most unusual book catalogs you will ever come across! If you're a spy in training, bent on conducting your very own guerilla war or simply curious about how such things are done, there's something for you in this collection. Catalog is available for \$1.00 from Paladin Press, PO Box 1307, Boulder, CO 80306.

Titles include:

- . COMMUNICATIONS EQUIPMENT OF THE GERMAN ARMY: 1933-1945, by Charles J. Barger - The radio systems detailed in this book come from one of the largest private collections in the US. Much of this type of equipment was destroyed by Allied Occupation Forces after the fall of the Third Reich, and has, therefore, never been seen by most military radio communications enthusiasts. Many excellent photographs.
- . IMPROVISED RADIO JAMMING TECHNIQUES, by Lawrence W. Myers - Among many other fascinating topics, this book gives an insider's view of a jamming operation and includes information about covert listening posts, intercept operations and how-to's for selection of particularly effective jamming equipment.
- . COVERT SURVEILLANCE AND ELECTRONIC PENETRATION, by William B. Moran - The one book that gives inside information on spying and wiretapping in terms the layman can easily understand.
- . CODES, CIPHERS & SECRET LANGUAGES, by Fred B. Wrixon - This one takes you on a trip through the history of cryptography. Provides information about how John Walker and his family slipped secrets to the KGB, in addition to many other topics.

HM's YL OF THE MONTH

My fedora is off this month to the women of the US Armed Services who have gone off to the Saudi desert with their male counterparts. They've taken it on the chin - and have done us all proud! This in the face of abominable heat and humidity, unfamiliar and repressive customs and Saudi military men who are not at *all* used to seeing

women give orders. Way to go, Ladies - you've done it with grace, and style, and grit!

HM's ON-LINE UPDATE

The Portal gang greeted Radio Newyork International's return to the airwaves with a bang! That 800# was busy the whole night through, though - but we'll give it a shot again next time.

Now, I know, I know - RNI is no longer a bonafide pirate - what with their defection to the ranks of the legitimized commercial broadcasters with plenty of pow-pow-power - but they sure are one of the best sounds I've heard on the airwaves - short or otherwise - in one heck of a long time.

Welcome back, RNI!

HM RECOMMENDS . . .

. WRITING BETTER TECHNICAL ARTICLES, by Marley Bjelland.

Technical journals in the US publish tens of thousands of articles and papers each year - and they're always looking for more. Yet only a small percentage of engineers, scientists and technicians actually take advantage of this opportunity to enhance their careers. If you have an idea for a technical paper, magazine article, manual or book, but lack confidence in your writing or editing skills this book will give you the tools you need to get published. (\$14.95)

. THE UNDERGROUND FREQUENCY GUIDE, 2nd Edition, by Harry L. Helms

The long-awaited second edition of this indispensable guide to those mysterious broadcasts is here! Completely updated and containing over 500 frequencies of everything from spy numbers stations to single letter beacons and everything in between, this is a 'must have' for anyone who has an interest in the shadowy side of shortwave radio! (\$10.95)

. THE PACKET RADIO HANDBOOK, 2nd Edition, by Jonathan L. Mayo, KR3T.

This is what they said about the first edition. "... an excellent piece of work. Well worth reading for both the experienced and new pakeeteer . . . the definitive guide to amateur packet operation." - Gwynne Reedy, W1BEL.

"If you run, think you'll run, or are just curious about packet radio, you need this book." - 73 Amateur Radio

From the history of packet to the operation of a Terminal Node Controller. This book has it all. (\$17.95)

All the above titles are available from The Radio Collection, PO Box 149, Briarcliff Manor, NY 10510. Prices are postpaid.

THE LAST WORD, WITH KRISTIN KAYE

Hiya!

Promised you more information on viruses in this month's Last Word - so true to my word, here y'are. We covered the very basics about "What they are" last month - so here's some basic advice on how to prevent them - and how to get rid of it if you weren't successful in preventing one in the first place!

A virus can enter a system in three basic ways - via the boot segment - (these will generally affect your computer's ability to start-up); the operating system - (these critters affect the bridge between your hardware and software by

rewriting or replacing the operating system itself); or via an applications program - (these attach themselves to any applications you might have on your system).

Be careful of disks and programs of unknown origin. Check questionable material before you use it. Obtain - and use - a good virus detection program like FluShot+ for MS-DOS machines, or Virex for the Macintosh, but remember that these aids are only useful against *known* viruses.

The best book I've seen on the topic - and it includes a copy of FluShot+ and other appropriate shareware, as well, is "Computer Viruses", by Jonathan L. Mayo. It's available through The Computer Book Shelf, PO Box 149, Briarcliff Manor, NY 10510. (\$29.95 postpaid).

Till next time -

88s

'kk'

Reach 'kk' via e-mail at any of the following addresses:

```
*****
% Internet - kk@cup.portal.com %
% FidoNet - kk 1:272/39 %
% GENie - K.Kaye %
% UUCP - ...!sun!portal!cup.portal.com!kk %
*****
```

Time now for a Tecate . . .

Adios . . .

Havana Moon y Amigas

continued from page 15

Tuning and Use:

This antenna is easier to build than it is to describe, so give it a try! As mentioned, the whole thing cost less than 15 bucks, and took only an afternoon to build. It works well for transmitting too! While it is ready to use as is, for receive only, it will require minor tuning for use in transmitting. Every particular installation (height, whether installed as an inverted vee or a flat dipole, and other variables) will require slight tweaking. To tune it, do not solder the far ends after they have been hooked to the end insulators. Just wrap them around back on the antenna temporarily, while shortening them a couple of inches at a time to obtain a low SWR. I tested mine as an inverted vee and found it necessary to trim about 6" off each leg to obtain a match. SWR was measured at 1.5 : 1 or lower between 7390 and 7420.

Part II will detail the addition of a director element, which will add about 4-5 dB of gain in both receive and transmit applications. For DXing, it will also reduce interfering signals from stations not in the intended receiving direction. Not bad for 30 bucks total! Try it out! You won't believe how much stronger this makes the received signal sound, in comparison to a random wire!

FFFR! "Ferlin"

continued from page 11

please let me know. I would undertake the research required to present information in these pages about the bureaucratic processes that must be followed--if there is serious interest in the information.

Up to this point, it has seemed as though most of the ACE members are fairly content with their roles:

- Some of the columnists who write about pirate radio are content to berate the FCC.
 - Many of the pirate radio listeners are content to listen to the radio.
 - Many of the pirate broadcasters are content to fire up the ol' transmitter and play dodge 'em with the authorities.
- Is that the way it really is?

continued from page 21

As with any antenna, you should initially make the antenna slightly larger than the design calls for. It is much easier to shorten a long antenna than lengthen a short antenna!

If you do build an antenna specifically for the 48 meter band, you should attempt to orient it so as to have maximum pickup from Europe. Contrary to what you may think, Europe is not "east" from the United States. Signals follow the great circle path.

For example, from New York to London the direction is 52 degrees. From Dallas it is 42 degrees, and from Los Angeles (where chasing Euro-pirates must be a real challenge) it is 35 degrees. Although the trees in your backyard may not always cooperate (my 48m antenna faces about 45 degrees), you can use these bearings as a rough guide, to keep you from being perpendicular to your target area. At the low heights most dipoles are mounted, they are not terribly directional anyway.

If you are fortunate to have the real estate, you may wish to consider putting up separate antennas for each band. I have separate antennas for 48, 41, and 19 meters, and a quarter wave horizontal for 1620 kHz. Switching between antennas shows dramatic effects on a given frequency. Several times I have pulled a station out of the noise by using the right antenna.

If any readers have any questions, or would just like to "talk antennas", I am on the *Las Numeros* meetings on Portal, and host a meeting on antennas just before *Las Numeros*, starting at 9:30 eastern time.

ASSOCIATION OF CLANDESTINE RADIO ENTHUSIASTS
P. O. Box 11201
Shawnee Mission, KS 66207-0201

The A*C*E is an association of individuals who find pirate, clandestine and covert communications an interesting part of their radio listening hobby. The primary existence of the club revolves around the publication of a monthly bulletin, The A*C*E. The bulletin reports on pirate, clandestine, covert and other unexplained broadcasts. Also, the readers are provided with other available material concerning motives, explanations and theories behind these various broadcasts and broadcasters. The ACE as an organization, does not encourage, support or condone any illegal activity; we simply seek to understand the nature and reasoning behind such broadcasts. If your interests include listening to pirate radio stations, clandestine broadcasts and covert communications, The A*C*E is for you!!

Our Editors...

John Arthur Varied Response
Kirk Baxter Dialogs
Don Bishop Features
Harry Helms Covert Corner
Havana Moon The Los Numeros Update
Andrew Yoder DX Clip Board
George Zeller Clandestine Profile

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